

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D212-664 REV. F OR EARLIER  
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D212-664 REV. 5 OR EARLIER

REF CANADIAN STC: SH01-9

REF FAA STC: SR01298NY

REF EASA STC: EASA.1M.R.S.01304

## PURPOSE:

The required spacing between the supports for installation of crosstubes on 214B/B-1 model aircraft is different than the spacing for 204/205/212 model aircraft. Additional installations are available from Dart with supports positioned for compatibility with 214 aircraft. The supports on existing Dart D212-664-101/-107/-201/-207 crosstubes must be repositioned before installation on 214 aircraft.

## CHANGE:

The following crosstube installations are available from Dart for the 214B/B-1 model aircraft:

| QTY<br>-101B | QTY<br>-107B | QTY<br>-201B | QTY<br>-207B | Part Number   | Description                                 | Equivalent<br>204/205/212 Kit |
|--------------|--------------|--------------|--------------|---------------|---|-------------------------------|
| X            |              |              |              | D212-664-101B | CROSSTUBE INSTALLATION,<br>214 HIGH FWD     | D212-664-101                  |
|              | X            |              |              | D212-664-107B | CROSSTUBE INSTALLATION,<br>214 STANDARD FWD | D212-664-107                  |
|              |              | X            |              | D212-664-201B | CROSSTUBE INSTALLATION,<br>214 HIGH AFT     | D212-664-201                  |
|              |              |              | X            | D212-664-207B | CROSSTUBE INSTALLATION,<br>214 STANDARD AFT | D212-664-207                  |
| 1            |              |              |              | D212-664-141B | CROSSTUBE ASSEMBLY, 214 HIGH FWD            | D212-664-141                  |
| 1            |              |              |              | D212-664-147B | CROSSTUBE ASSEMBLY, 214 STD FWD             | D212-664-147                  |
|              | 1            |              |              | D212-664-241B | CROSSTUBE ASSEMBLY, 214 HIGH AFT            | D212-664-241                  |
|              |              | 1            |              | D212-664-247B | CROSSTUBE ASSEMBLY, 214 STD FWD             | D212-664-247                  |

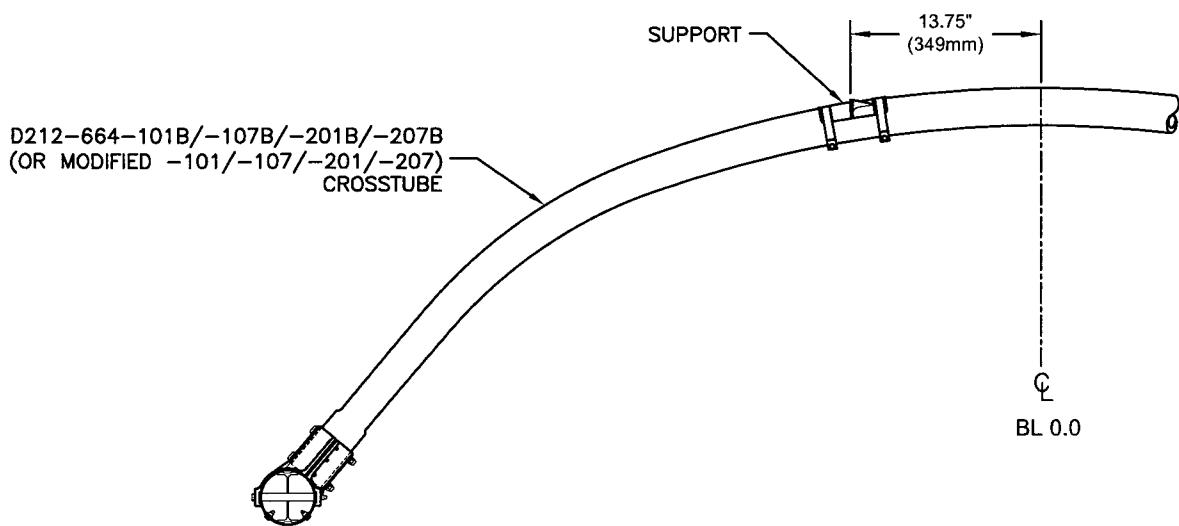
The D212-664-101B/-107B/-201B/-207B are the same as the equivalent crosstubes listed in the table above. However, the spacing of the supports is narrower to accommodate 214 model aircraft, as illustrated in Figure 1 of this service instruction. The new kits are otherwise installed, maintained, and have identical replacement parts lists per their equivalent crosstube in Installation Instructions IIN-D212-664 and Instructions for Continued Airworthiness ICA-D212-664. All statements in FMS-D214-664 that apply to the D212-664-101/-107/-201/-207 crosstubes are also applicable to D212-664-101B/-107B/-201B/-207B crosstubes.

Dart D212-664-101/-107/-201/-207 crosstubes may also be installed on 214B/B-1 model aircraft. To install on 214 aircraft, the supports on the -101/-107/-201/-207 crosstubes must be repositioned per the following procedure:

- 1) Remove the supports per section 32.3 of ICA-D212-664.
- 2) Reinstall the supports per section 32.4 of ICA-D212-664. However, locate the supports with the vertical face 13.75" (349mm) from the crosstube center as shown in Figure 1 of this service instruction.
- 3) The crosstubes should otherwise be installed and maintained per Installation Instructions IIN-D212-664 and Instructions for Continued Airworthiness ICA-D212-664.
- 4) If the modified crosstubes or D212-664-101B/-107B/-201B/-207B crosstubes are to be installed on 204/205/210/412/UH-1 model aircraft, reinstall the crosstube supports with the vertical face 14.00" (356mm) from the crosstube center, as indicated in ICA-D212-664.

|                         |   |
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| MFG. APPR. | N/A         | DSI 9445   | SHEET 1 OF 2 |
| APPROVED   | TM          | TITLE  | SCALE        |
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**FIGURE 1 - SUPPORT INSTALLATION**  
(214B/B-1 AIRCRAFT ONLY)

|                         |                    |
|-------------------------|--------------------|
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